From: Carlson-Lynch, Heather [hclynch@srcinc.com]

**Sent**: 4/20/2016 4:36:04 PM

**To**: Newhouse, Kathleen [Newhouse.Kathleen@epa.gov]

CC: Subramaniam, Ravi [Subramaniam.Ravi@epa.gov]; McClure, Peter [mcclure@srcinc.com]; Riccardi, Megan

[riccardi@srcinc.com]; Melia, Julie [jmelia@srcinc.com]

Subject: RE: BaP cardiovascular MOA summary (TD BaP-16-1 under TO EP-G12C-00255)

Hi Kathleen-

#### Ex. 5 Deliberative Process (DP)

Please let me know if you have any other questions.

Thanks Heather

From: Newhouse, Kathleen [mailto:Newhouse.Kathleen@epa.gov]

Sent: Wednesday, April 20, 2016 12:32 PM

To: Carlson-Lynch, Heather < hclynch@srcinc.com>

Cc: Subramaniam, Ravi <Subramaniam.Ravi@epa.gov>; McClure, Peter <mcclure@srcinc.com>; Riccardi, Megan

<riccardi@srcinc.com>; Melia, Julie <jmelia@srcinc.com>

Subject: RE: BaP cardiovascular MOA summary (TD BaP-16-1 under TO EP-G12C-00255)

Notice: This message originated outside of SRC.

OK, thanks Heather. Was the reason so many papers were retrieved because it could not be determined whether they were in vivo or in vitro mechanistic papers from the abstracts?

From: Carlson-Lynch, Heather [mailto:hclynch@srcinc.com]

Sent: Wednesday, April 20, 2016 8:23 AM

**To:** Newhouse, Kathleen < Newhouse.Kathleen@epa.gov >

**Cc:** Subramaniam, Ravi < Subramaniam.Ravi@epa.gov >; McClure, Peter < mcclure@srcinc.com >; Riccardi, Megan

<riccardi@srcinc.com>; Melia, Julie <jmelia@srcinc.com>

Subject: RE: BaP cardiovascular MOA summary (TD BaP-16-1 under TO EP-G12C-00255)

Hello Kathleen-

As of today, we have received 158 of 172 requested papers from the cardiovascular literature search for BaP. A total of 10 papers are pending, and 4 requests were foreign language papers for which retrieval was stopped. Of the pending references, only one (citation below) appears to be relevant to the in vivo cardiovascular MOA text. I have finished drafting the text without this paper, and Peter will be reviewing it over the next few days. We should be able to deliver the draft text to you early next week.

## Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

Let me know if you have any questions.

Thank you-Heather

Heather Carlson-Lynch, S.M., DABT SRC, Inc.



From: Carlson-Lynch, Heather

**Sent:** Thursday, April 14, 2016 1:31 PM

To: Newhouse, Kathleen < Newhouse. Kathleen@epa.gov>

Cc: Subramaniam, Ravi <Subramaniam.Ravi@epa.gov>; McClure, Peter <mcclure@srcinc.com>; Riccardi, Megan

<<u>riccardi@srcinc.com</u>>; Melia, Julie <<u>jmelia@srcinc.com</u>> **Subject:** RE: TD BaP-16-1 under TO EP-G12C-00255

Hi Kathleen-

In follow-up to Julie's email below, I wanted to let you know the current status of the BaP cardiovascular literature search retrieval. As of today, 91/172 selected references have been retrieved. We requested rush retrieval on 26 in vivo animal and human studies; of these, 16 have been retrieved and 10 remain pending.

### Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

I will provide another update on retrieval early next week; hopefully everything will be available by then, and we will be able to wrap up the text. Let me know if you have any questions.

Thanks-Heather

Heather Carlson-Lynch, S.M., DABT SRC, Inc.



From: Melia, Julie

**Sent:** Monday, April 11, 2016 1:36 PM

To: Newhouse, Kathleen < Newhouse.Kathleen@epa.gov>

Cc: Subramaniam, Ravi < Subramaniam.Ravi@epa.gov>; Carlson-Lynch, Heather < hclynch@srcinc.com>; Rangel, Jorge

<Rangel.Jorge@epa.gov>; McClure, Peter <mcclure@srcinc.com>; Riccardi, Megan <riccardi@srcinc.com>

Subject: RE: TD BaP-16-1 under TO EP-G12C-00255

Hi Kathleen,

I should have mentioned a possible retrieval lag during our kick off call. I will send another update later this week to let you know the status of the retrieval. I apologize for the delay. I appreciate the information you sent regarding the final SAB report. Please let us know if we can be of further assistance in your response to SAB comments.

Best regards,

Julie

Julie A. Melia (Stickney), Ph.D., DABT Senior Toxicologist
Defense and Environmental Solutions SRC, Inc.
162 US Route 1
Scarborough, ME 04074
T 207-883-9824

Es. 6 Personal Privacy (PP)
jmelia@srcinc.com
www.srcinc.com

From: Newhouse, Kathleen [mailto:Newhouse.Kathleen@epa.gov]

**Sent:** Monday, April 11, 2016 1:20 PM **To:** Melia, Julie < <u>imelia@srcinc.com</u>>

Cc: Subramaniam, Ravi <<u>Subramaniam.Ravi@epa.gov</u>>; Carlson-Lynch, Heather <<u>hclynch@srcinc.com</u>>; Rangel, Jorge

< Rangel.Jorge@epa.gov>; McClure, Peter < mcclure@srcinc.com>; Riccardi, Megan < riccardi@srcinc.com>

**Subject:** RE: TD BaP-16-1 under TO EP-G12C-00255

OK. Thanks for the update, Juile. Next time I'll try to remember to build in a few days for reference retrieval.

From: Melia, Julie [mailto:jmelia@srcinc.com]
Sent: Monday, April 11, 2016 10:15 AM

To: Newhouse, Kathleen < Newhouse.Kathleen@epa.gov>

Cc: Subramaniam, Ravi <Subramaniam.Ravi@epa.gov>; Carlson-Lynch, Heather <hclynch@srcinc.com>; Rangel, Jorge

< Rangel.Jorge@epa.gov >; McClure, Peter < mcclure@srcinc.com >; Riccardi, Megan < riccardi@srcinc.com >

Subject: RE: TD BaP-16-1 under TO EP-G12C-00255

Hi Kathleen,

The targeted search was completed, screened and uploaded to HERO; however, there have been some delays in retrieving the selected papers. Megan Riccardi was in touch with HERO staff last week regarding this issue. Heather has prepared a first draft of the high level summary of in vivo evidence of BaP cardiotoxicity. She will revise it as necessary after she has reviewed the papers from the lit. search. Peter will provide QC review before we deliver the draft to you (hopefully later this week, depending on retrieval). Please let me know if you have questions or need further information.

Thanks very much,

Julie

Julie A. Melia (Stickney), Ph.D., DABT Senior Toxicologist Defense and Environmental Solutions SRC, Inc. 162 US Route 1 Scarborough, ME 04074 T 207-883-9824

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Imelia(w)srcinc.com

WWW.srcinc.com

From: Newhouse, Kathleen [mailto:Newhouse.Kathleen@epa.gov]

**Sent:** Monday, April 11, 2016 12:40 PM **To:** Melia, Julie <jmelia@srcinc.com>

Cc: Subramaniam, Ravi <<u>Subramaniam.Ravi@epa.gov</u>>; Carlson-Lynch, Heather <<u>hclynch@srcinc.com</u>>; Rangel, Jorge

< Rangel.Jorge@epa.gov>; McClure, Peter < mcclure@srcinc.com>; Riccardi, Megan < riccardi@srcinc.com>

Subject: RE: TD BaP-16-1 under TO EP-G12C-00255

Hi Julie, could I get an update on the status of this TD?

Also, I wanted to let you know that the SAB released their final report on BaP last week. The only significant changes involve them further distilling their suggestions into a bulleted list of recommendations under each charge question. The added bulleted comments that overlap with what we had asked you to respond to include the following:

### Ex. 5 Deliberative Process (DP)

### Ex. 5 Deliberative Process (DP)

#### -Kathleen

From: Melia, Julie [mailto:jmelia@srcinc.com]
Sent: Tuesday, March 22, 2016 1:38 PM

To: Newhouse, Kathleen < Newhouse. Kathleen@epa.gov>

Cc: Subramaniam, Ravi < Subramaniam.Ravi@epa.gov>; Carlson-Lynch, Heather < hclynch@srcinc.com>; Rangel, Jorge

<Rangel.Jorge@epa.gov>; McClure, Peter <mcclure@srcinc.com>; Riccardi, Megan <riccardi@srcinc.com>

Subject: Re: TD BaP-16-1 under TO EP-G12C-00255

Hi Kathleen,

Tomorrow at 1:30 works fine.

Thanks very much,

Julie

Sent from my iPhone

On Mar 22, 2016, at 1:49 PM, Newhouse, Kathleen < Newhouse.Kathleen@epa.gov > wrote:

Hi Julie, how about we meet briefly at 1:30 EST on Wednesday (tomorrow)? Let me know if this works.

Call in info: Ex. 6 Personal Privacy (PP)

Conference Extension: Ex. 6 Personal Privacy (PP)

Participant Code: Ex. 6 Personal Privacy (PP)

-Kathleen

From: Melia, Julie [mailto:jmelia@srcinc.com]

Sent: Tuesday, March 22, 2016 8:19 AM

**To:** Newhouse, Kathleen < Newhouse. Kathleen @epa.gov>

Cc: Subramaniam, Ravi <Subramaniam.Ravi@epa.gov>; Carlson-Lynch, Heather <hclynch@srcinc.com>;

Rangel, Jorge < Rangel. Jorge@epa.gov >; McClure, Peter < mcclure@srcinc.com >; Riccardi, Megan

<riccardi@srcinc.com>

Subject: RE: TD BaP-16-1 under TO EP-G12C-00255

Hi Kathleen.

We are available all afternoon tomorrow. Feel free to choose the time that works best for you.

Thanks very much,

Julie

Julie A. Melia (Stickney), Ph.D., DABT

Senior Toxicologist

Defense and Environmental Solutions SRC, Inc.
162 US Route 1
Scarborough, ME 04074
T 207-883-9824.

Ex. 6 Personal Privacy (PP)

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From: Newhouse, Kathleen [mailto:Newhouse.Kathleen@epa.gov]

Sent: Tuesday, March 22, 2016 11:16 AM To: Melia, Julie <imelia@srcinc.com>

Cc: Subramaniam, Ravi <Subramaniam.Ravi@epa.gov>; Carlson-Lynch, Heather <hclynch@srcinc.com>;

Rangel, Jorge < Rangel. Jorge @epa.gov>; McClure, Peter < mcclure@srcinc.com>; Riccardi, Megan

<riccardi@srcinc.com>

Subject: RE: TD BaP-16-1 under TO EP-G12C-00255

Thanks Julie. I am trying to find a good time for our kick off call. What is your availability on Wed afternoon?

From: Melia, Julie [mailto:jmelia@srcinc.com]

Sent: Tuesday, March 22, 2016 7:00 AM

**To:** Newhouse, Kathleen < Newhouse. Kathleen @epa.gov >

Cc: Subramaniam, Ravi <Subramaniam.Ravi@epa.gov>; Carlson-Lynch, Heather <hclynch@srcinc.com>;

Rangel, Jorge < Rangel. Jorge@epa.gov>; McClure, Peter < mcclure@srcinc.com>; Riccardi, Megan

<ri>criccardi@srcinc.com>

Subject: RE: TD BaP-16-1 under TO EP-G12C-00255

Hi Kathleen,

A staffing plan to accompany the TD cost estimate that I sent yesterday is shown below. Please let me know if you need additional information prior to our kick off conference call. I look forward to talking with you soon.

Staff Labor Category	Tasks
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Megan Riccardi		Develop and test targeted search; upload searches to HERO/project page tagging; revise lit. search documentation; final changes to project page
Sarah Rosenberg		QC query strings
Kim Zaccaria		Screen lit. search findings
Debbie Joly	Ex. 4 CBI	Request retrieval and download papers for review
Heather Carlson Lynch		Prepare high level summary of in vivo evidence for cardiotoxicity in mammals
Peter McClure		QC drafted text
Julie Melia		Administration

Thanks very much,

Julie

Julie A. Melia (Stickney), Ph.D., DABT

Senior Toxicologist

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Scarborough, ME 04074
T.207-883-9824.

Ex. 6 Personal Privacy (PP)

jmelia@srcinc.com

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From: Melia, Julie

Sent: Monday, March 21, 2016 4:57 PM

To: 'Newhouse, Kathleen' < Newhouse.Kathleen@epa.gov>

Cc: Subramaniam, Ravi < Subramaniam.Ravi@epa.gov >; Carlson-Lynch, Heather < hclynch@srcinc.com >;

Rangel, Jorge < Rangel Jorge@epa.gov >; McClure, Peter < mcclure@srcinc.com >; Riccardi, Megan

<riccardi@srcinc.com>

Subject: RE: TD BaP-16-1 under TO EP-G12C-00255

Hi Kathleen,

The cost estimate for TD BaP-16-1 is attached for your review. Please let me know a convenient day and time for a kick off call.

Thanks very much,

#### Julie

Julie A. Melia (Stickney), Ph.D., DABT

Senior Toxicologist

Ex. 6 Personal Privacy (PP)

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From: Newhouse, Kathleen [mailto:Newhouse.Kathleen@epa.gov]

**Sent:** Friday, March 18, 2016 3:08 PM **To:** Melia, Julie < <u>imelia@srcinc.com</u>>

Cc: Subramaniam, Ravi < Subramaniam.Ravi@epa.gov >; Carlson-Lynch, Heather < hclynch@srcinc.com >;

Rangel, Jorge < Rangel. Jorge@epa.gov >

Subject: TD BaP-16-1 under TO EP-G12C-00255

Hi Julie.

Please see the attached technical direction for work authorized under the (long dormant) BaP task order EP-G12C-00255.

Please let me know if you have any questions.

#### -Kathleen

Kathleen Newhouse, MS, DABT

Acting Associate for Chemical Assessment | Toxic Effects Branch | IRIS Division

National Center for Environmental Assessment | Office of Research and Development

U.S. Environmental Protection Agency

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Ex. 6 Personal Privacy (PP) (AWL: Mon,Wed)